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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/773,650	02/05/2004	Joseph M. Ranish	008341 USA/CPS/IBSS/LAP	7636
7:	590 06/15/2004		EXAMINER	
APPLIED MATERIALS, INC.		FUQUA, SHAWNTINA T		
Patent Department, M/S 2061 P.O Box 450A			ART UNIT	PAPER NUMBER
Santa Clara, C.	A 95052		3742	

DATE MAILED: 06/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application No.	Applicant(s)	
	10/773,650	RANISH ET AL.	
Office Action Summary	Examiner	Art Unit	
	Shawntina T. Fuqua	3742	
The MAILING DATE of this communication app Period for Reply	pears on the cover sheet w	ith the correspondence address	
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a reply If NO period for reply is specified above, the maximum statutory period v  - Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a y within the statutory minimum of thin will apply and will expire SIX (6) MON, cause the application to become A	reply be timely filed ty (30) days will be considered timely. ITHS from the mailing date of this communic BANDONED (35 U.S.C. § 133).	ation.
Status			
1) Responsive to communication(s) filed on 05 Fe	ebruary 2004.		
<u> </u>	action is non-final.		
3) Since this application is in condition for allowar		ters, prosecution as to the merit	s is
closed in accordance with the practice under E	·		
Disposition of Claims			
4) Claim(s) 1-19 is/are pending in the application			
4a) Of the above claim(s) is/are withdraw	wn from consideration.		
5)⊠ Claim(s) <u>9-19</u> is/are allowed.			
6)⊠ Claim(s) <u>1 and 8</u> is/are rejected.			
7)⊠ Claim(s) <u>2-7</u> is/are objected to.			
8) Claim(s) are subject to restriction and/o	r election requirement.	•	
Application Papers			
9) The specification is objected to by the Examine	er.		
10)⊠ The drawing(s) filed on <u>05 February 2004</u> is/are	e: a)⊠ accepted or b)□	objected to by the Examiner.	
Applicant may not request that any objection to the	drawing(s) be held in abeya	nce. See 37 CFR 1.85(a).	
Replacement drawing sheet(s) including the correct	tion is required if the drawing	(s) is objected to. See 37 CFR 1.12	21(d).
11)☐ The oath or declaration is objected to by the Ex	caminer. Note the attache	d Office Action or form PTO-152	2.
Priority under 35 U.S.C. § 119			
<ul> <li>12) Acknowledgment is made of a claim for foreign</li> <li>a) All b) Some * c) None of:</li> <li>1. Certified copies of the priority document</li> </ul>		§ 119(a)-(d) or (f).	
2. Certified copies of the priority document	s have been received in A	Application No	
3. Copies of the certified copies of the prio		received in this National Stage	)
application from the International Bureat  * See the attached detailed Office action for a list		received	
See the attached detailed Office action for a list	or the defined depicts from	1000,1000.	
Attachment(s)	. —		
1) Notice of References Cited (PTO-892)		Summary (PTO-413) (s)/Mail Date	
<ul> <li>2) Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)</li> <li>Paper No(s)/Mail Date <u>2/5/04</u>.</li> </ul>		Informal Patent Application (PTO-152)	

## **DETAILED ACTION**

# Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2. Claims 1 and 8 are rejected under 35 U.S.C. 102(b) as being anticipated by Deaton et al (US6048403).

Deaton et al discloses a substrate support ring comprising a band (158, 154) comprising an inner perimeter to surround a periphery of the substrate (Figures 4, 5, 6), a lip (148, 150) extending inwardly from the inner perimeter of the band to support the substrate (Figures 4, 5, 6), wherein the band and lip comprise oxidized silicon carbide (column 4, lines 3-5), a gas supply and exhaust (column 4, lines 18-22), and a radiation source (110).

## Allowable Subject Matter

- 3. Claims 9-19 are allowed.
- 4. Claims 2-7 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Art Unit: 3742

#### Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shawntina T. Fuqua whose telephone number is (703) 305-2581. The examiner can normally be reached on Monday-Friday 8-4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robin Evans can be reached on (703) 305-5766. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

stf June 13, 2004 Shawntina Fuqua
Patent Examiner
Art Unit 3742